

What is claimed is:

1. An electronic endoscope apparatus which removes flicker on a screen, comprising:

a circuit for generating an interlaced scanning signal for display of an image on a TV monitor from an image signal obtained by an image pickup device; and

a progressive resolution conversion circuit for generating a non-interlaced scanning signal with higher vertical resolution than a frame signal for a TV monitor by reading and overlapping same field signals for interlaced scanning.

2. The electronic endoscope apparatus which removes flicker on a screen according to claim 1, wherein

said progressive resolution conversion circuit can generate a non-interlaced scanning signal for one frame by reading one field signal three times or more.

3. The electronic endoscope apparatus which removes flicker on a screen according to claim 1, further comprising:

a field memory for storing a field signal for interlaced scanning;

a frame memory for storing a frame signal for non-interlaced scanning; and

a write/read control circuit for reading twice a field signal in said field memory at a double speed of a write speed for the signal, temporarily writing the signal in said frame memory, and controlling the frame signal in said frame memory such that the frame signal can be read twice at a double speed of a write speed of the frame signal.

4. The electronic endoscope apparatus which removes flicker on a screen according to claim 1, further comprising:

a field memory for storing a field signal for interlaced scanning; and

a write/read control circuit for controlling the field signal in said field memory such that the signal can be read n times at a speed n (integer) times as fast as a write speed for the signal.